

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03 0783

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7	C07D209/30	C07D401/06	C07D405/06	C07D413/06	C07D401/12
	A61K31/404	C07D417/06	C07D409/12	C07D405/12	C07D403/12
	C07D403/06	A61P5/24			

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 03 064387 A (HOFFMANN LA ROCHE) 7 August 2003 (2003-08-07) abstract page 30; example 85 page 31; example 89 page 32; examples 94, 95 claims ---	1-20
A	US 5 767 139 A (FINN PAUL WILLIAM ET AL) 16 June 1998 (1998-06-16) abstract claims examples ---	1-20
A	DE 25 59 211 A (MCNEILAB INC) 8 July 1976 (1976-07-08) claims ---	1-20

 Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

22 January 2004

Date of mailing of the international search report

30/01/2004

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORTInternal
PCT/03/50783**Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claim 20 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP 00/0783

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 03064387	A	07-08-2003	WO US	03064387 A2 2003220319 A1		07-08-2003 27-11-2003
US 5767139	A	16-06-1998	BR CA CZ DE DE EP FI FI JP NO SK AT AU CN DK WO ES HR HU JP MX ZA	9305991 A 2117610 A1 9402077 A3 69317651 D1 69317651 T2 0628040 A1 943931 A 20001771 A 7500347 T 943187 A 100894 A3 164376 T 3497793 A 1079465 A 628040 T3 9317014 A1 2115053 T3 930227 A1 71126 A2 2540016 B2 9301112 A1 9301383 A		21-10-1997 02-09-1993 18-01-1995 30-04-1998 09-07-1998 14-12-1994 26-08-1994 09-08-2000 12-01-1995 13-09-1994 12-04-1995 15-04-1998 13-09-1993 15-12-1993 27-04-1998 02-09-1993 16-06-1998 31-10-1996 28-11-1995 02-10-1996 29-07-1994 26-08-1994
DE 2559211	A	08-07-1976	AR AT AT AU AU BE CA CH DD DE DK ES FI FR FR GB HU HU IE IL IN IT JP NL NO NZ PH PL RO SE SE SU	219052 A1 356648 B 986075 A 505215 B2 8791675 A 837199 A1 1065874 A1 622516 A5 125781 A5 2559211 A1 580175 A 443935 A1 753669 A ,B, 2296413 A1 2315921 A1 1527510 A 174948 B 174949 B 42390 B1 48756 A 142735 A1 1052654 B 51131872 A 7515100 A 754313 A ,B, 179580 A 12328 A 99353 B1 69196 A1 422210 B 7514458 A 667132 A3		31-07-1980 12-05-1980 15-10-1979 15-11-1979 07-07-1977 30-06-1976 06-11-1979 15-04-1981 18-05-1977 08-07-1976 01-07-1976 16-08-1977 01-07-1976 30-07-1976 28-01-1977 04-10-1978 28-04-1980 28-04-1980 30-07-1980 12-03-1979 20-08-1977 20-07-1981 16-11-1976 02-07-1976 01-07-1976 03-04-1978 16-01-1979 31-07-1978 15-08-1980 22-02-1982 31-07-1976 05-06-1979

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Information on patent family members

Internation

Application No

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50783

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 2559211	A	YU 332275 A1	28-02-1983
		ZA 7508058 A	31-08-1977
		CS 7600126 A2	13-02-1984
		JP 52068175 A	06-06-1977
		JP 60120860 A	28-06-1985
		US 4059583 A	22-11-1977